

U.S. Department of State's Nonproliferation Toolbox



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Meeting of States Parties
Biological Weapons Convention
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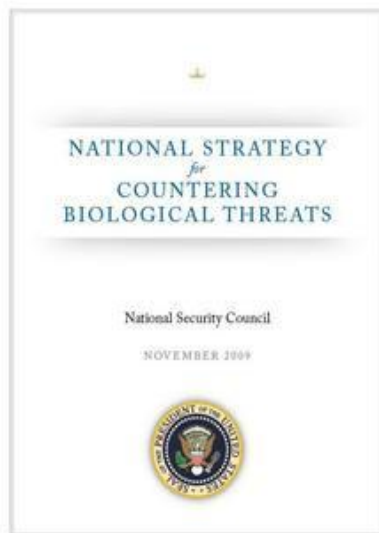


Biosecurity Engagement Program



We work cooperatively with partner countries to advance shared goals:

- Improve biosecurity and biosafety
- Increase ability to safely and securely detect, diagnose, and report infectious disease outbreaks
- Facilitate bilateral research partnerships



“In partnership with other nations, and consistent with international obligations, we will seek to advance access to and effective use of technologies to mitigate the impact from outbreaks of infectious disease, regardless of their cause.”

**--President Barack Obama, National Strategy
for Countering Biological Threats**



Policy Drives Programmatic Efforts



“We will continue to face new and emerging biological threats that will require the coordinated and concerted efforts of a broad range of domestic and international partners. As we take action to counter these threats, we will work together to advance our health security ...”

President Obama, National Strategy for Countering Biological Threats (November 2009)

AGREEMENT	RELEVANT LANGUAGE
Biological Toxin and Weapons Convention Article X	“...Contributing individually or together with other States or international organizations to the further development and application of scientific discoveries in the field of biology for prevention of disease or other peaceful purposes”
United Nations Security Council Resolution 1540	“Offer assistance as appropriate in response to specific requests to the States lacking the legal and regulatory infrastructure, implementation experience and/or resources for fulfilling the above provisions...”
WHO International Health Regulations (IHR) (and World Organisation for Animal Health Regulations)	“The purpose and scope of these Regulations are to prevent, protect against, control and provide a public health response to the international spread of disease...”

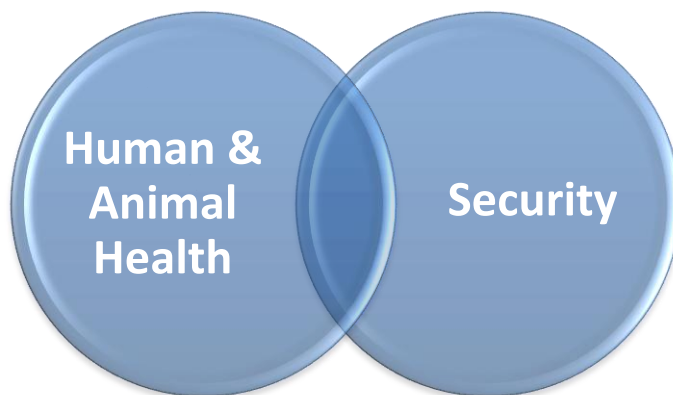


Bioengagement Spans the Health Security and Risk Spectrum



“The activities required...to minimize vulnerability to acute public health events that endanger the collective health of populations living across...international boundaries.” (WHO)

Focus on health problems that transcend national borders



Focus on laboratory biosecurity as well as dual-use expertise

**Chronic
Disease**

**Emerging
Disease**

**Dual Use
Technologies**

**Bio
Terrorism**

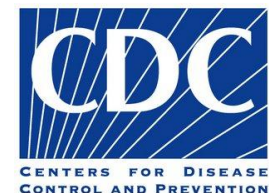


Expert Implementation



- International and multilateral organizations
- Embassies
- Biosafety Associations
- U.S. Government Interagency
- Academies of Science
- National, regional, local professional societies
- Bilateral agreements
- Non-governmental organizations

THE NATIONAL ACADEMIES
Advisers to the Nation on Science, Engineering, and Medicine





The EXBS Program

EXPORT CONTROL AND RELATED BORDER SECURITY

The **EXBS** program is part of the U.S. government's response to UNSCR 1540 and helps prevent the proliferation of

- Weapons of mass destruction,
- Missile delivery systems,
- Conventional weapons, and
- Related items

by assisting other governments to establish and implement **effective export and border control systems** that meet international standards.

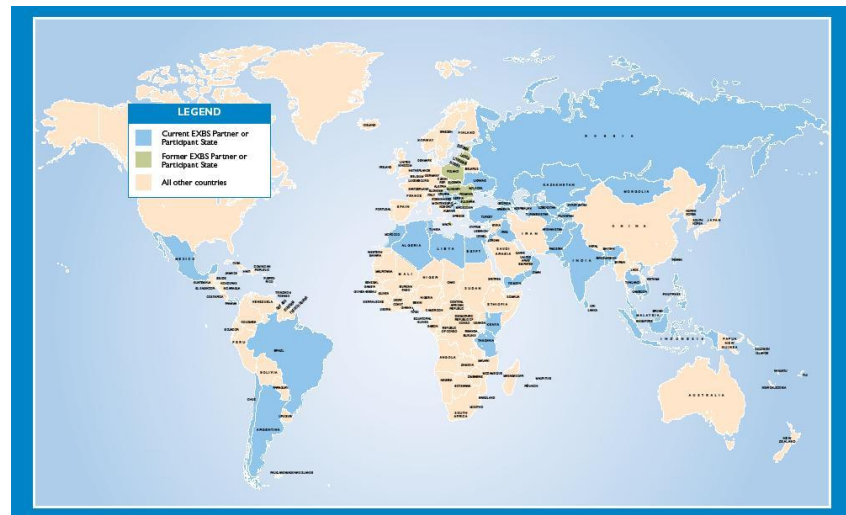


The EXBS Program

EXPORT CONTROL AND RELATED BORDER SECURITY

The **EXBS** program works bilaterally and multilaterally to improve export control capabilities in the following areas:

- Comprehensive legal/regulatory frameworks
- Effective licensing procedures and practices
- Enforcement techniques and capabilities
- Government outreach to industry and the public regarding obligations under national laws (also called for by UNSCR 1540)
- International cooperation and information sharing





The EXBS Program

EXPORT CONTROL AND RELATED BORDER SECURITY

The **EXBS** program assesses countries' export and border control systems and provides a variety of assistance depending on identified requirements, resource availability, and ability to absorb the assistance.



Examples of **EXBS** program assistance:

- Workshops to help draft new export control laws and regulations
- Technical training to identify proliferation-relevant products
- Sophisticated x-ray and radiation detection equipment and training at points of entry



Kenya

BEP

- Biorisk management training
- Laboratory risk assessments
- Laboratory physical security upgrades
- Support development of Kenya's National Bioscience Policy and Bill



EXBS

- Strategic trade control legislation & regulations
- Regional cooperation





Yemen

BEP

- Laboratory Security Upgrades
- Biorisk Management Training
- Promotion of Responsible Scientific Ethics
- Yemen Field Epidemiology Training Program (FETP)

EXBS

- Strategic trade control legislation
- Basic border security



Thank You

